

ADTRP Protein, Human, Recombinant (His & Myc)

General Information

Synonyms:	C6orf105;Androgen-dependent TFPI-regulating protein;Fatty acid esters of hydroxy fatty acids hydrolase ADTRP (FAHFA hydrolase ADTRP);ADTRP
Protein Construction:	1-230 aa
Species:	Human
Expression Host:	E. coli
Accession:	Q96I22
Molecular Weight:	31.8 kDa (predicted)
AA Sequence:	MTKTSTCIYHFLVLSWYTFNLNYYISQEGKDEVKPKILANGARWKYMTLLNLLQITIFYGVTCLEDDVLKRTKGGK DIKFLTAFRDLLFTTLAFPVSTFVFLAFWILFLYNRDLIYPKVLDTVIPVWLNHAMHTFIFPITLAEVVLRPHSYPS KKTGLTLLAAASIAYISRILWLYFETGTWVYPVFAKLSLLGLAAFFSLSYVFIAIYLLGEKLNHWKWGDMRQPR KKRK

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	> 90% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	Lyophilized from Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Preparation and Storage

Reconstitution:

A Certificate of Analysis (CoA) containing reconstitution instructions is included with the products. Please refer to the CoA for detailed information.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

Protein Background

Hydrolyzes bioactive fatty-acid esters of hydroxy-fatty acids (FAHFAs), but not other major classes of lipids. Shows a preference for FAHFAs with branching distal from the carboxylate head group of the lipids. Regulates the expression and the cell-associated anticoagulant activity of the inhibitor TFPI in endothelial cells (in vitro).

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481